

B: Remarks:

The examiner is thanked for the official report. In response to the prior rejection in view of Stiles et al US 6,425,075 applicants have amended the claims for clarity. The applicants believe the application of this art does not correctly apply to the claims now made and do not anticipate the claims under 35USC102 or make obvious under 35USC103 the claims as now submitted. Reconsideration of all claims is now appropriate.

The original claims were rejected upon Stiles 6,425,075 which relates to a two level branch prediction cache. The present claims are not two level. Furthermore, the Stiles First level Branch Prediction Cache 152 argued as equivalent to our Set Associative BTB is not on the same level as the second level branch prediction cache 155 and so cannot be compared to the set associative recent entry queue claimed, as that reference's second level branch prediction cache 155 is not set associative (see col. 15, line 43, 44) and is on a different level and not a subset of the BTB. The comparison of these different and changing elements to the subject matter claims is not possible to be made and understood when compared to the subject matter claimed.

Each of the dependent claims also is directed to subject matter the applicants believe patentable. As the original reference fails to meet the claim 1 combination, and the further combination of elements with the dependent claims is not shown, it is believed all of the claims are now patentable.

Reconsideration and allowance of the application is appropriate.

A Notice of Allowance is respectfully requested.

RESPECTFULLY SUBMITTED
(For the inventors)
/Lynn L. Augspurger/
BY: Lynn L. Augspurger
Registration No. 24,227
Phone: 845-433-1174
Fax: 845-432-9601